

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY 1350 SOUTH SECOND STREET
COSHOCTON, OHIO 43812, Phone (614) 622-5310

(1)
ELECTROMATERIALS
BUSINESS DEPARTMENT

July 29, 1982

Mr. Patrick H. Gorman
Ohio Environmental Protection Agency
Division of Hazardous Waste Management
2195 Front Street
Logan, OH 43138

RECEIVED

AUG 2 1982

OHIO ENVIRONMENTAL PROTECTION AGENCY
SOUTHEAST DISTRICT

Dear Mr. Gorman:

Following your visit here last spring to discuss with us a proposed groundwater monitoring project adjacent to an abandoned disposal site on our plant premises, you wrote March 22 outlining recommendations to be considered, and asking that you be informed before any actual work began.

Concerning your first recommendation to "conduct a records search or question veteran employees to determine what types of waste may have been put into the disposal area over time," we have conducted a comprehensive investigation along these lines back in 1979 in replying to the questionnaire from the Eckhardt Congressional Subcommittee, with which you are familiar. In recent weeks, we have reviewed that report and have verified the pertinent information in it to the degree possible.

Records for that disposal operation do not exist, since it was in-house and didn't involve any contracts with outsiders. Being a non-productive waste disposal operation, we didn't keep records which would be informative today. We do know that the last use of that disposal site was in 1968, when the municipal land-fill was opened and we began to use that. Information based on the memories of veteran employees span the time from 1946 to 1968; however, there are very few veterans still around whose memories are helpful, and we have found some disagreement between the recollections of a few who have tried to provide information.

For these reasons, we cannot improve on the information given to the Eckhardt subcommittee, but recap here the list of components of process waste given then:

- Base solutions, pH>10 (mostly caustic soda)
- Heavy metals & trace metals (antimony, copper, zinc)
- Halogenated aliphatics (trichlorethylene, later trichloroethane)
- Halogenated aromatics (such as hexachlorobenzene)
- PCB/PBB's (only PCB's, Monsanto Aroclors)
- Amides, amines, imides (dimethyl formamide, ethylene diamine, etc.)
- Plasticizers (proprietary products, largely rosin derivatives)
- Resins (phenol-formaldehyde, melamine-formaldehyde, epoxy, polyester)
- Elastomers (polyvinyl butyral, polyvinyl chloride)

...Continued...

Mr. Patrick H. Gorman

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July 29, 1982

Polar solvents (methanol, ethanol, 2-propanol, glycol ethers)
Nonpolar solvents (toluene, xylene, styrene)
Alcohols (named above)
Ketones and aldehydes (acetone, formaldehyde, paraformaldehyde)
Inorganics-salts (sodium carbonate, barium carbonate, calcium carbonate)
Paints and pigments - Alkyd enamels, various inorganic pigments
Asbestos (mostly in form of resin impregnated and cured scraps)
Wastes with flash point below 100°F (scrap acetone solutions of resins)

With respect to your third recommendation, about on-site or off-site operations other than the abandoned site which may be influencing ground water quality for several years in the vicinity of the abandoned lagoons, which were between the abandoned disposal site and the river. We don't believe there is any other external influence to be considered.

Our next step is to select a qualified consultant to study the situation and present us a proposal to be evaluated and approved for action. We will inform you as this progresses.

Very truly yours,



L. V. Larsen, Manager
Environmental Engineering

LVL:sr

EPA Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name General Electric Co., Electromaterials Business Dept.
Street 1350 South Second Street
City Coshocton State Ohio Zip Code 43812

Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site General Electric Co., Coshocton Plant
Street 1350 South Second Street
City Coshocton County Coshocton State Ohio Zip Code 43812

Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Larsen, Vernon - Mgr, Environmental Engineering
Phone (614) 622-5310 Ext 328

Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1947 To (Year) 1976

Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item 1—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☒ Solvents
4. ☐ Pesticides
5. ☒ Heavy metals
6. ☒ Acids
7. ☒ Bases
8. ☒ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)

Synthetic Resin Mfr
Plastics manufacture

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

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U.S. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Waste Quantity:

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site in cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☒ Landfill
4. ☐ Tanks
5. ☒ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☐ Other (Specify) _____

Total Facility Waste Amount

cubic feet 220 000

gallons 29 410

Total Facility Area

square feet 110 000

acres 2.5

Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☒ Known ☐ Suspected ☐ Likely ☐ None

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

Sketch map attached, responsive also to Description of Site in Item I.

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OHIO DEPARTMENT OF HEALTH
SOUTHWEST DISTRICT

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

There are two abandoned disposal facilities at this plant site. One, with an estimated area of 96 000 sq ft, was a landfill in which waste materials from the manufacture of synthetic resins and laminated plastics made from them were buried during the period from 1947 until the landfill was graded, covered, levelled, and put to grass in 1968.

The other facility was a lagoon or earth impoundment with an estimated area of 14 000 sq ft, constructed under permit from the Ohio Department of Health in 1954 to receive process water, containing about 6% phenol, from the synthetic resin plant. This water percolated into the ground where the phenol was destroyed by bacterial action. This lagoon was filled in, levelled, and put to grass in 1976 upon installation of an NPDES-permitted wastewater pretreatment process.

The attached sketch map of the neighborhood of the plant site shows the locations of the lagoon and the landfill, and other features required for the description of the site.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required

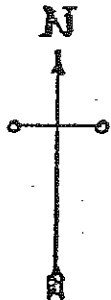
Name General Electric Co.

Street 1350 South Second Street

City Coshocton State Ohio Zip Code 43812

Signature *L. J. Larrow* Date May 12, 1981

- ☒ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☐ Operator, Past
☐ Other



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OHIO ENVIRONMENTAL PROTECTION AGENCY
SOUTHEAST DISTRICT

SOUTHWEST PORTION
CITY OF
COSHOCTON, OHIO

SCALE 1" = 300 FT

(SCHEMATIC)

MANUFACTURING	
COMMERCIAL	
RESIDENTIAL	
RURAL OR UNDEVELOPED	
GENERAL ELECTRIC PROPERTY	

JACKSON TWP

CODE: G.E. BUILDINGS

- 1 - Main plant
- 2 - Power plant
- 3 - Storage
- 4 - Resin Plant
- 5 - Crate shop
- 6 - Garage
- 7 - Guard House
- 8 - Gas Valve House
- 9 - Equalization Lagoons
- 10 - Outfall of waste water
- 11 - Sewage Treatment Plant

OHIO STATE ROUTE 16

MUSKINGUM RIVER

SOUTH SECOND ST

TUSCARAWAS TWP

X = Abandoned Landfill
Y = Abandoned Lagoon

FAIRMONT ROADS

GENERAL ELECTRIC CO.

PRETTY PRODUCTS

SHAW PARK (WELL)

PLUM ST

TRAILER PARK

TRAILER PARK

TRAILER PARK

BETHEL CAMP GROUND

TRAILER PARK

EXCELLO FABRIC FINISHERS

EDMUND HILSON

50 THIRD ST

RAILROAD

CARLTON

PEARL

PEACOCK

PEACOCK

PEACOCK

PEACOCK

PEACOCK

PEACOCK

PEACOCK

PEACOCK

PEACOCK

SOUTH LAWN CEMETERY

CLOW CORPN.

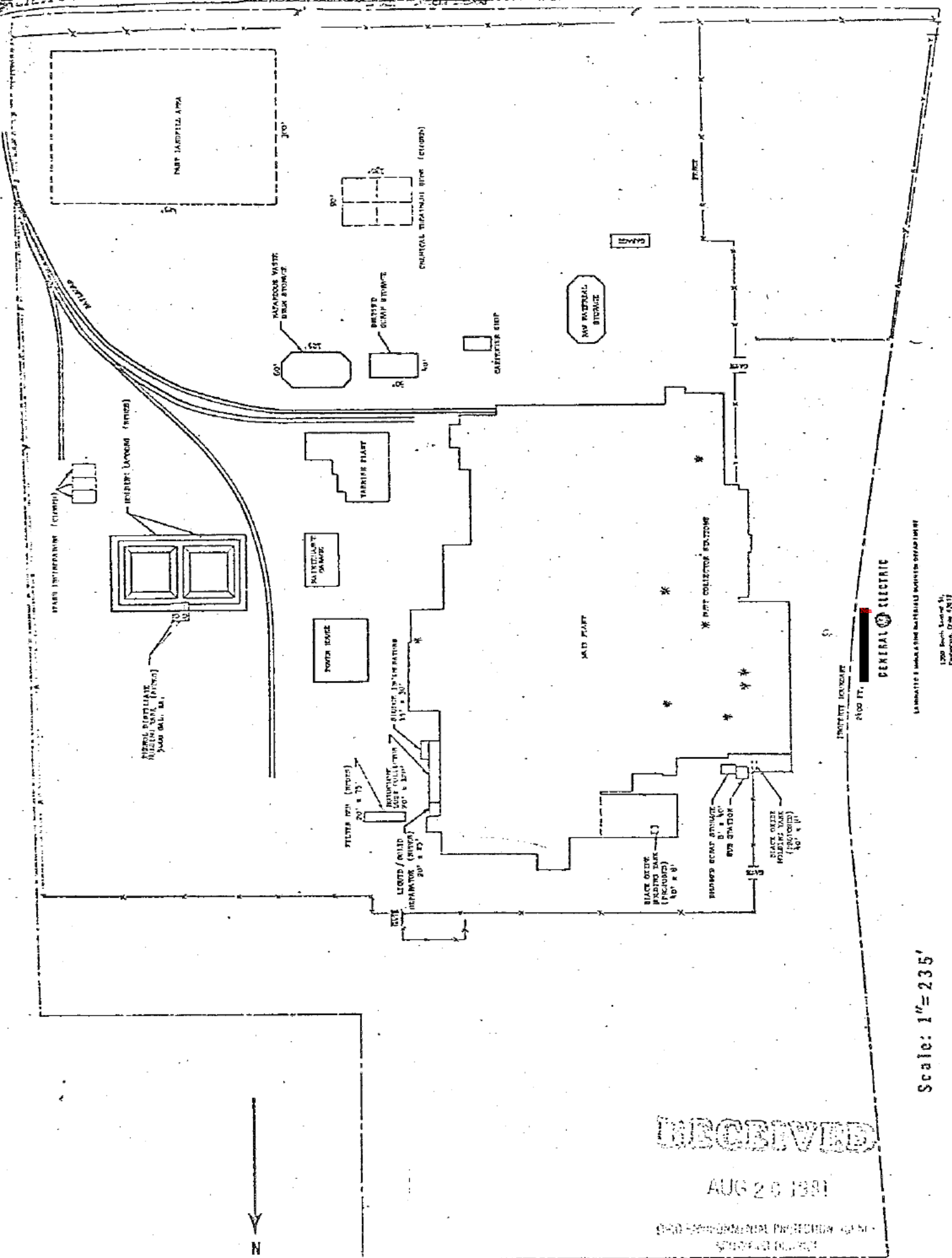
L. L. L. L.
Mar 25, 1972

Non Responsive Water Well Information

AUG 26 1991

THE UNIVERSITY OF CHICAGO PRESS
530 N. Dearborn St., Chicago, IL 60610

Scale: 1"=235'



doi:10.1016/j.jmb.2006.06.011

Construction, Dry 4.9413